Annual Review of Immunology
Volume 1, 1983

CONTENTS

GETTING STARTED 50 YEARS AGO—EXPERIENCES, PERSPECTIVES, AND PROBLEMS OF THE FIRST 21 YEARS, *Elvin A. Kabat* 1

CELLULAR MECHANISMS OF IMMUNOLOGIC TOLERANCE, *G. J. V. Nossal* 33

T-CELL AND B-CELL RESPONSES TO VIRAL ANTIGENS AT THE CLONAL LEVEL, *L. A. Sherman, A. Vitiello, and N. R. Klinman* 63

STRUCTURAL BASIS OF ANTIBODY FUNCTION, *David R. Davies and Henry Metzger* 87

GENETICS OF THE MAJOR HISTOCOMPATIBILITY COMPLEX: THE FINAL ACT, *J. Klein, F. Figueroa, and Z. A. Nagy* 119

IMMUNOBIOLOGY OF TISSUE TRANSPLANTATION: A RETURN TO THE PASSENGER LEUKOCYTE CONCEPT, *Kevin J. Lafferty, Stephen J. Prowse, Charmaine J. Simeonovic, and Hilary S. Warren* 143

AUTOIMMUNITY—A PERSPECTIVE, *Howard R. Smith and Alfred D. Steinberg* 175

MECHANISMS OF T CELL-B CELL INTERACTION, *Alfred Singer and Richard J. Hodes* 211

COMPLEMENT LIGAND-RECEPTOR INTERACTIONS THAT MEDIATE BIOLOGICAL RESPONSES, *Douglas T. Fearon and Winnie W. Wong* 243

CYTOLYTIC T LYMPHOCYTES, *M. Nabholz and H. R. MacDonald* 273

REGULATION OF B-CELL GROWTH AND DIFFERENTIATION BY SOLUBLE FACTORS, *Maureen Howard and William E. Paul* 307

MEDIATORS OF INFLAMMATION, *Gary L. Larsen and Peter M. Henson* 335

THE ROLE OF CELL-MEDIATED IMMUNE RESPONSES IN RESISTANCE TO MALARIA, WITH SPECIAL REFERENCE TO OXIDANT STRESS, *Anthony C. Allison and Elsie M. Eugui* 361

(*continued*)

CONTENTS (*continued*)

BIOSYNTHESIS AND REGULATION OF IMMUNOGLOBULINS, *Randolph Wall and Michael Kuehl* 393

THE BIOCHEMISTRY OF ANTIGEN-SPECIFIC T-CELL FACTORS, *D. R. Webb, Judith A. Kapp, and Carl W. Pierce* 423

IMMUNOREGULATORY T-CELL PATHWAYS, *Douglas R. Green, Patrick M. Flood, and Richard K. Gershon* 439

THE COMPLEXITY OF STRUCTURES INVOLVED IN T-CELL ACTIVATION, *Joel W. Goodman and Eli E. Sercarz* 465

IMMUNOGLOBULIN GENES, *Tasuku Honjo* 499

GENES OF THE MAJOR HISTOCOMPATIBILITY COMPLEX OF THE MOUSE, *Leroy Hood, Michael Steinmetz, and Bernard Malissen* 529

GENETICS, EXPRESSION, AND FUNCTION OF IDIOTYPES, *Klaus Rajewsky and Toshitada Takemori* 569

EPITOPE-SPECIFIC REGULATION *Leonore A. Herzenberg, Takeshi Tokuhisa, and Kyoko Hayakawa* 609

T-LYMPHOCYTE CLONES, *C. Garrison Fathman, and John G. Frelinger* 633

SUBJECT INDEX 657

Special Announcement: New From Annual Reviews

Some Historical and Modern Aspects of Amino Acids, Fermentations and Nucleic Acids, Proceedings of a Symposium held in St. Louis, Missouri, June 3, 1981, edited by Esmond E. Snell. Published October, 1982. 141 pp.; softcover; $10.00 USA/$12.00 elsewhere, postpaid per copy